



Finance and Administrative Services Department · Purchasing Division  
500 Castro Street · Post Office Box 7540 · Mountain View, California 94039-7540 · 650-903-6324 · FAX 650-968-5472

June 22, 2010

RE: PROPOSAL NO. R101691 UPS FOR DATA CENTER

ADDENDUM NUMBER TWO

1. Add Attachment A Question and Answers dated 6/22/2010 to specifications.
2. Clarification - Installing panels R5 and R5A are NOT part of this scope of work. The new R5 and R5A panels (by others) will be installed in the FATS room as shown on the attached drawing. The attached drawings are only to show the location and single line diagram for panels R5 and R5A only.
3. Clarification - Circuit connections to panels CPC and R5 as shown on sheet E-1.2 is not part of this scope of work.
4. Clarification - The existing UPS and associated battery cabinet and equipment shall be removed and disposed of by the Contractor.

This addendum must be signed below acknowledging receipt and returned with the completed proposal.

Sincerely,

Chris Hartje,  
Supervising Buyer

\_\_\_\_\_  
Signature of Officer  
signifying receipt and understanding of  
this addendum

\_\_\_\_\_  
Date



Attachment A  
Bid R101691 UPS For Data Center  
Questions and Answers 6/22/2010

Question 1: Seeing that plans are stamped and work has begun, do we still need to pull permits?

Response 1: Yes. Coordinate with City of Mountain View Public Works.

Question 2: Can the (N) EPO box be relocated?

Response 2: Yes, but proposed new location shall be submitted to engineer for approval.

Question 3: Is the winning bidder only tying in to the (N) EPO box for the emergency power off switch or are there other connections that need to be made?

Response 3: Contractor to provide connection from UPS system to emergency power off system.

Question 4: Do you have a schematic for the (N) EPO box?

Response 4: EPO schematic is provided by Intelli-Tech. Coordinate with City of Mountain View and Intelli-Tech.

Question 5: Panel R5 does not indicate if it is a main lug or has a main breaker can you verify please? ... This will determine if we need to install a main disconnect before Panel R5 or not.

Response 5: Panel R5 has a main circuit breaker as indicated on panel schedule.

Question 6: Does the Maintenance By-pass Panel need to have Kirk Keys?

Response 6: Yes.

Question 7: The power used to supply the Maintenance By-pass Panel will come from the FATS room correct?

Response 7: Incoming feeder to UPS system derives from panel 'DPR' located in Mechanical Room. Feeder has been installed and ran to junction box located in server room (refer to photo IMG\_2002.jpg). Contractor to utilize existing feeder for UPS system. Contractor to also provide new power connection for UPS system, Panel R5, and Panel R5A. Confirm and coordinate with City of Mountain View Public Works.

Question 8: Is there proper grounding for the UPS... (ground rod or a building ground)?

Response 8: Contractor to install UPS system in accordance with N.E.C. Article 250.30

Question 9: Will the Maintenance By-pass Panel be in the server room?

Response 9: Yes

Question 10: How many people from your department will need to be trained on the UPS?

Response 10: At a minimum, 2 persons from IT staff and 1 from Facilities Maintenance.

Question 11: The components of the existing UPS that need to be removed are UPS, Battery Cabinet, and associated conduits, but not the panel or transformer correct?

Response 11: Correct. Panel and transformer shall be reconnected and be fully operational at completion of project. Coordinate removal with City of Mountain View.

Question 12: Can the entrance door to the server room be hinged to open the opposite way to allow for more real-estate and a better design of the UPS system?

Response 12: Yes - we can switch the door swing

Question 13: The prints mention that you want 5 minutes of back up time... is that 100% load?

Response 13: Yes, 5 minutes at 100% load.



Question 14: The redundancy your asking for, is it a parallel battery system, or a string with-in one battery cabinet?

Response 14: Battery system shall have a single battery cabinet.

Question 15: During the pre-bid meeting, you requested an increase in the number of battery strings from one to two. And the Mitsubishi battery cabinets will only house one string of batteries per cabinet. Does the City have sufficient room or floor space to accommodate two battery cabinets, a UPS module and maintenance bypass cabinet? Total approximate foot print of all four cabinets is 146"W x 30"D x 71"H.

Response 15: The drawings are accurate and to scale, so whatever space it shows is what we have. The overall goal is to prevent a single battery going bad from taking out the entire system. If they can come up with a better solution to achieve this goal, we're certainly open to it. That was just our best solution.

Also, the Mitsubishi unit is NOT REQUIRED. It is included as an example of acceptable quality. Vendors may bid an approved equal.

Question 16: Can you provide a more detailed description of requested Item 0003?

Response 16: This is a Bid Alternate Item for on-going annual maintenance agreement. Per Section 1.03 F – maintenance agreement would cover major components, recommended remedial and preventative maintenance at a frequency of once per year, unless otherwise required by the manufacturer to maintain warranty.

Question 17: Can you provide a more detailed explanation of requested five year warranty, as specified in Section 16263, paragraph 1.07?

Response 17: Extend new product warranty for 5 years. Will cover full replacement of any equipment and component that becomes defective, normal wear and tear excluded.

Question 18: The City's existing UPS alarm panel will not be compatible with the new UPS. Will the City require a new wall mounted alarm panel?

Response 18: The existing UPS should be considered unusable in any capacity. Any components that will be needed to make the system complete should be included in the bid. No parts of the old system will be utilized, they should act like it doesn't exist.